

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108818.D
 Acq On : 6 Sep 2018 11:38
 Operator : JU/SJ
 Sample : J4724-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 13:17:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

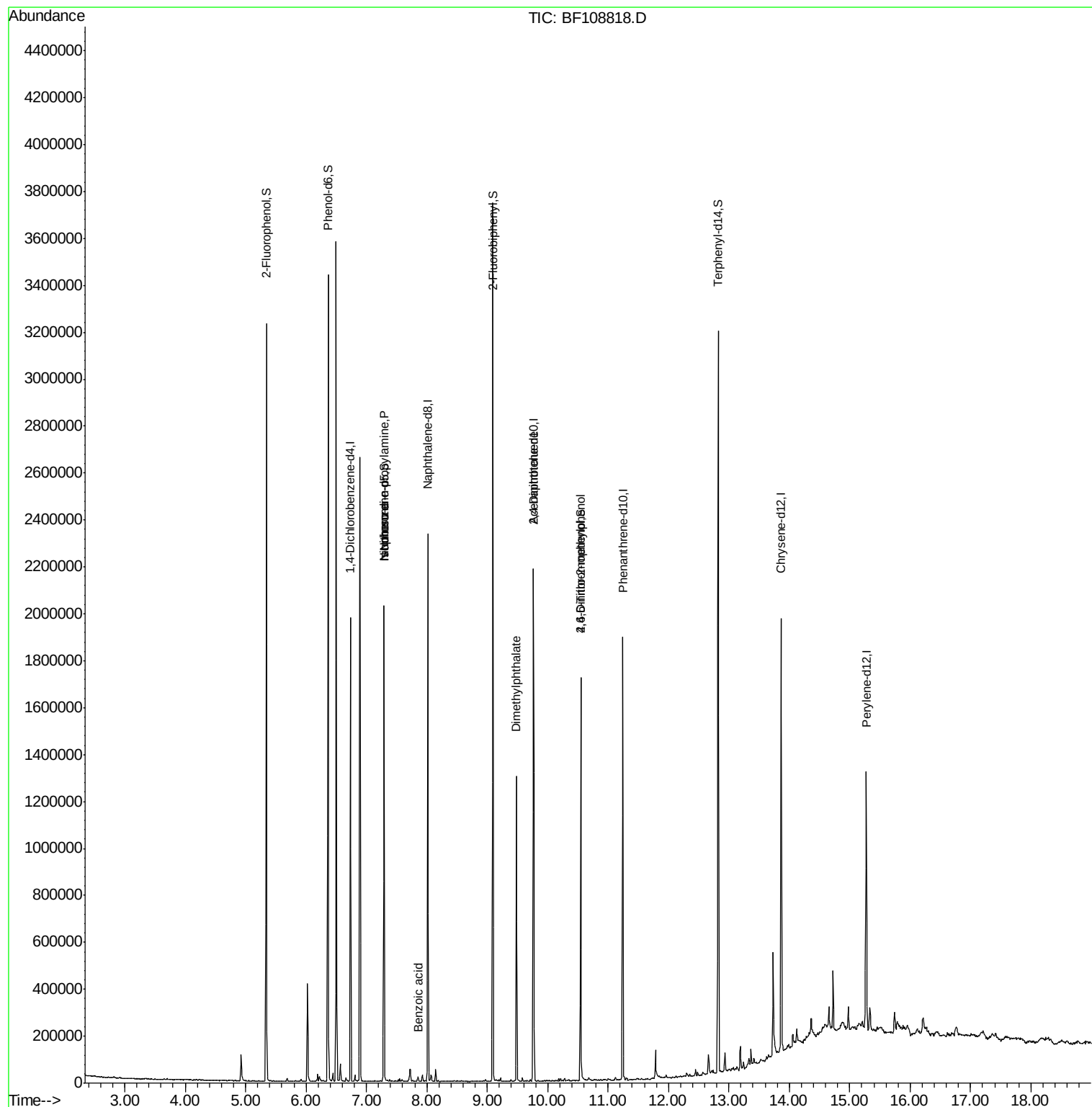
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	259031	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	930349	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	384378	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	600228	20.00	ng	0.00
75) Chrysene-d12	13.87	240	590364	20.00	ng	0.00
86) Perylene-d12	15.27	264	486682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	848035	54.24	ng	0.00
7) Phenol-d6	6.37	99	1101117	54.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	650908	43.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	184518	50.28	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1178273	52.30	ng	0.00
78) Terphenyl-d14	12.82	244	935647	36.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	85346	6.103	ng	# 79
25) Isophorone	7.29	82	648677	21.875	ng	# 64
32) Benzoic acid	7.85	122	155	4.037	ng	# 1
49) Dimethylphthalate	9.48	163	431746	16.059	ng	100
56) 2,4-Dinitrotoluene	9.77	165	49087	7.493	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.55	198	327	6.987	ng	# 1

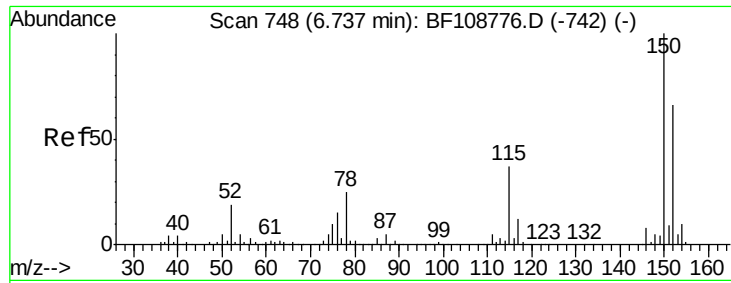
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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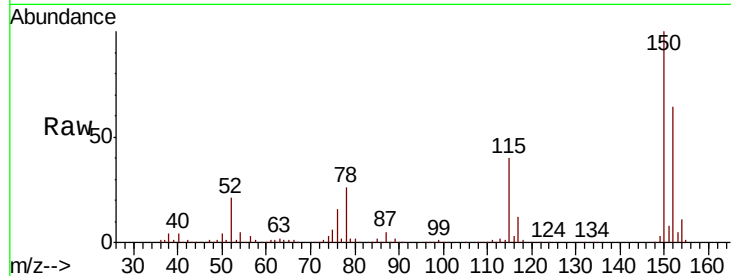


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108818.D
Acq: 6 Sep 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	61.5	50.1	75.1

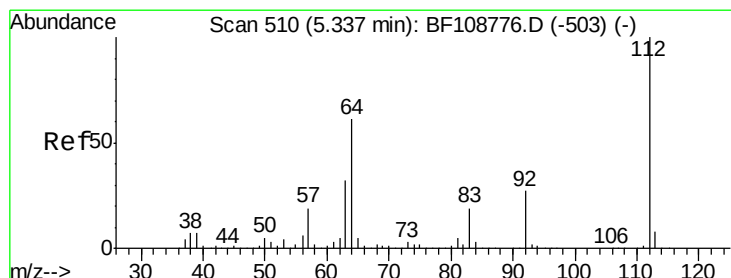
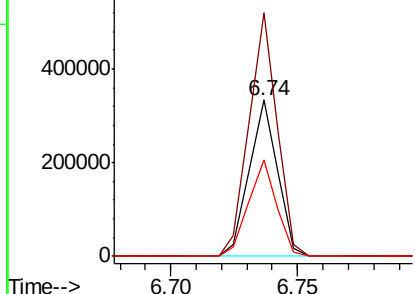
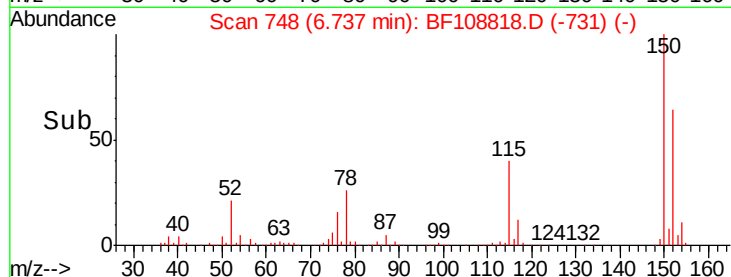


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

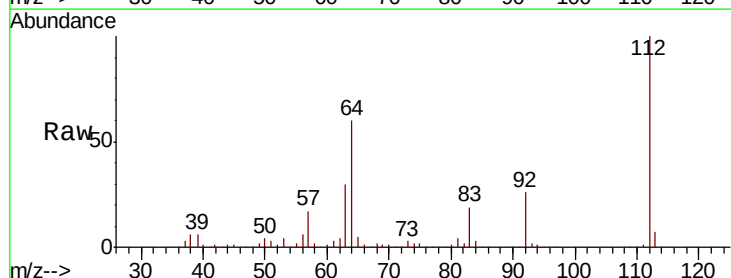
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.237 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108818.D
Acq: 6 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.3	23.7	35.5

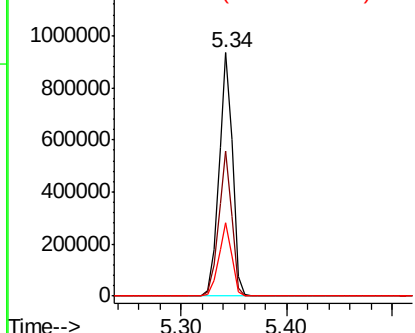
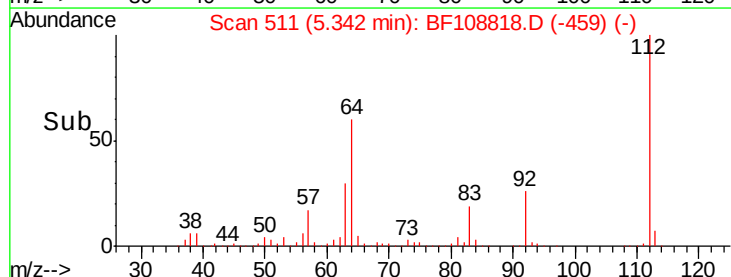


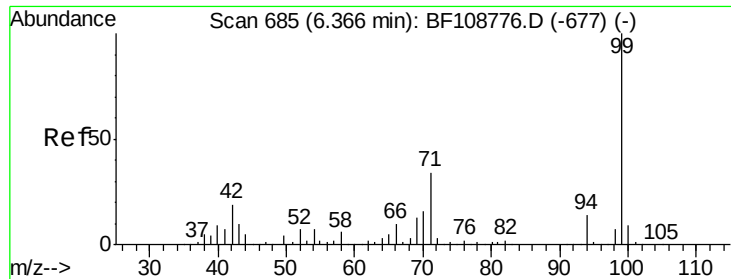
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 54.734 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108818.D

Acq: 6 Sep 2018 11:38

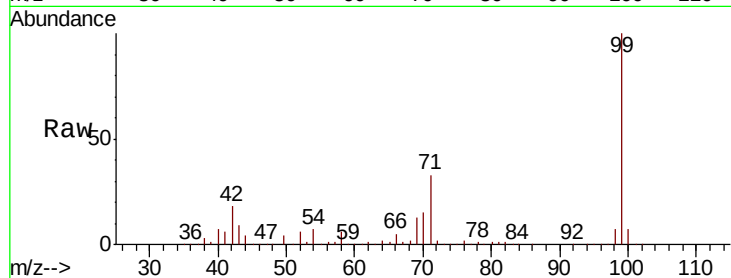
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1101117

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	32.7	25.4	38.0

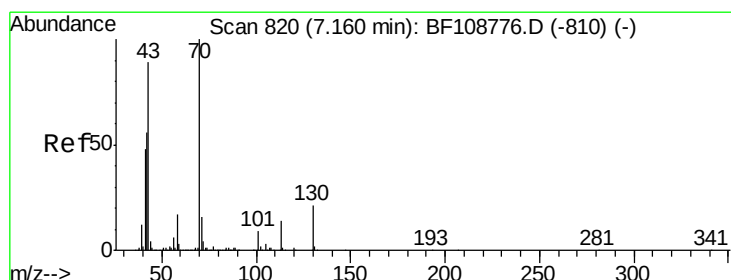
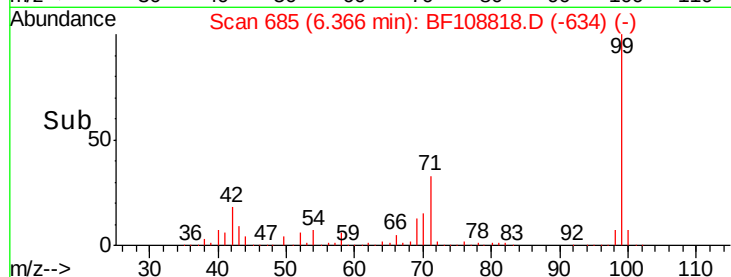
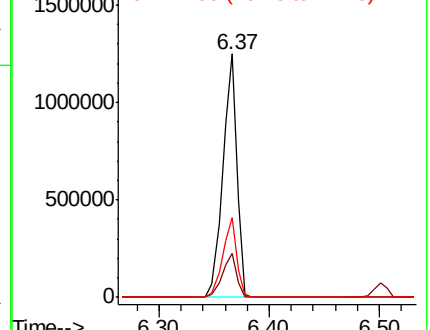


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 6.103 ng

RT: 7.29 min Scan# 842

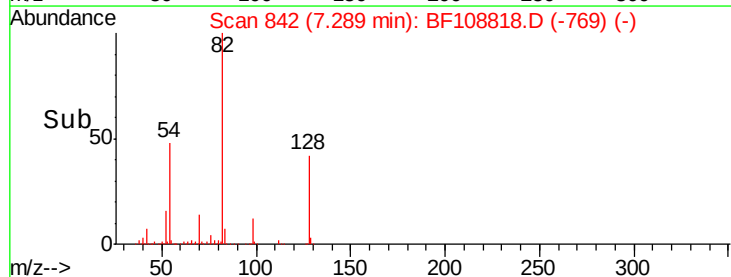
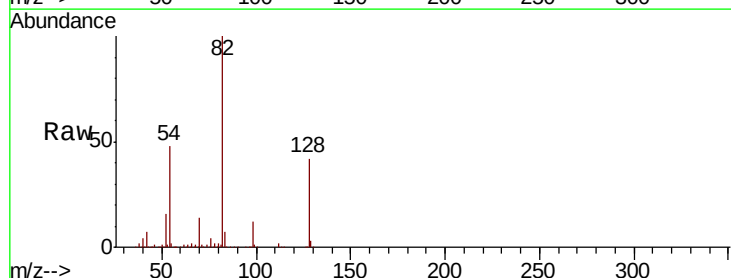
Delta R.T. 0.13 min

Lab File: BF108818.D

Acq: 6 Sep 2018 11:38

Tgt Ion: 70 Resp: 85346

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



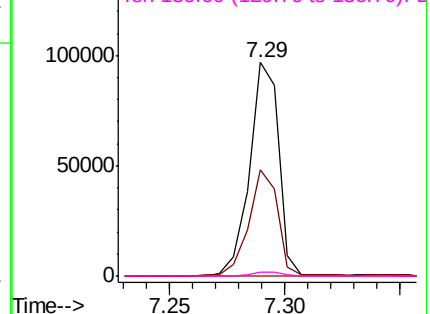
Abundance

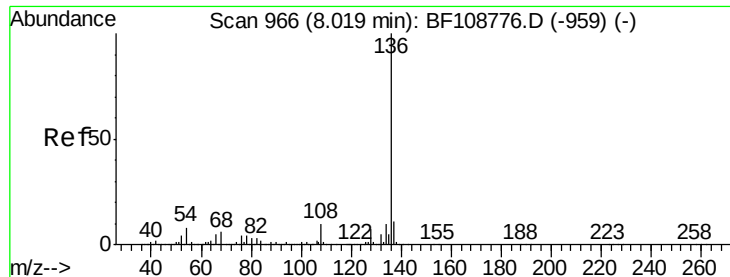
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

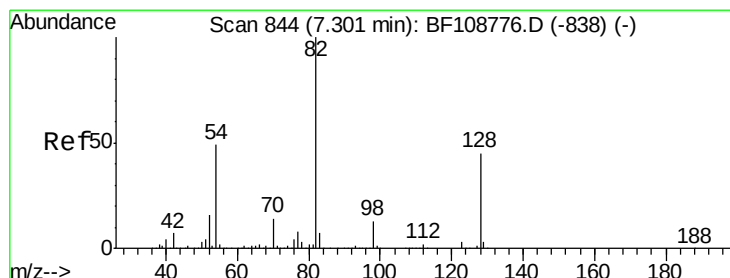
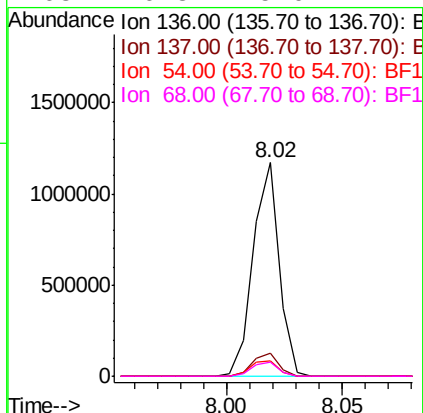
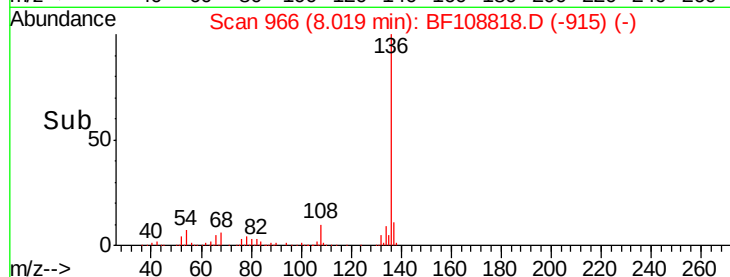
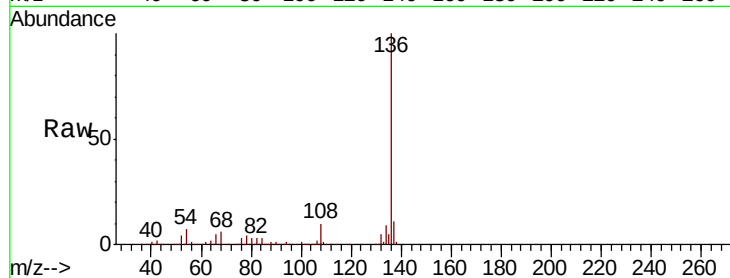




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108818.D
Acq: 6 Sep 2018 11:38

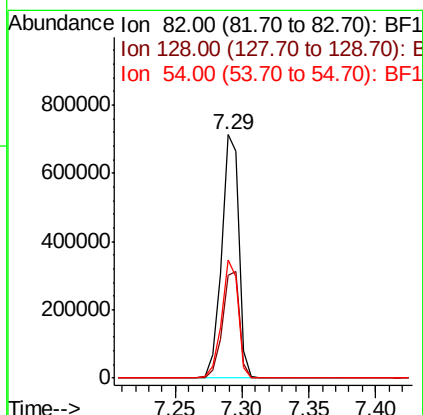
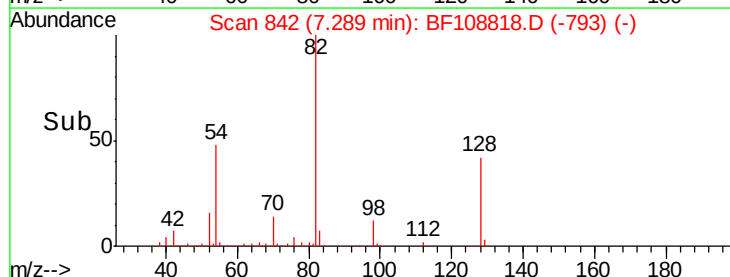
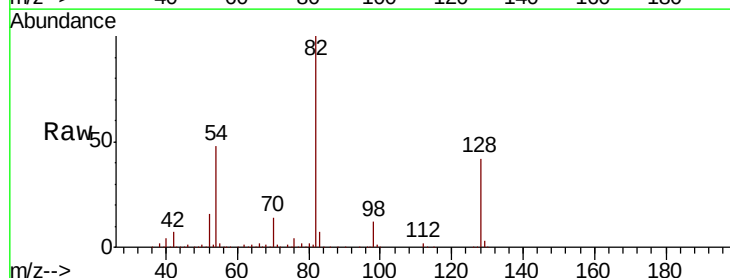
Instrument :
BNA_F
ClientSampleId :

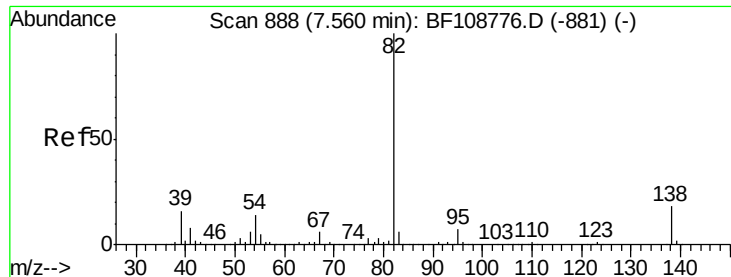
Tot Ion:136	Resp:	930349
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.4	6.6 9.8
68	6.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 43.784 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108818.D
Acq: 6 Sep 2018 11:38

Tgt Ion: 82	Resp:	650908
Ion Ratio	Lower	Upper
82	100	
128	42.4	36.1 54.1
54	48.5	41.4 62.2





#25

Isophorone

Concen: 21.875 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108818.D

Acq: 6 Sep 2018 11:38

Instrument :

BNA_F

ClientSampleId :

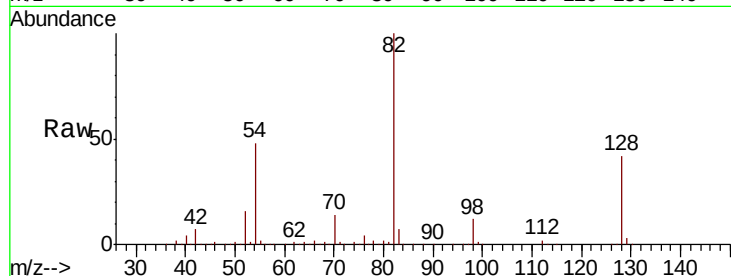
Tot Ion: 82 Resp: 648677

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

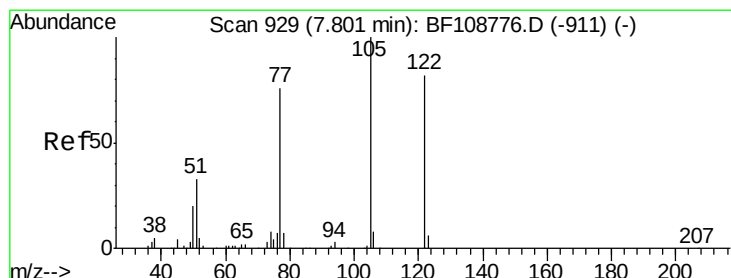
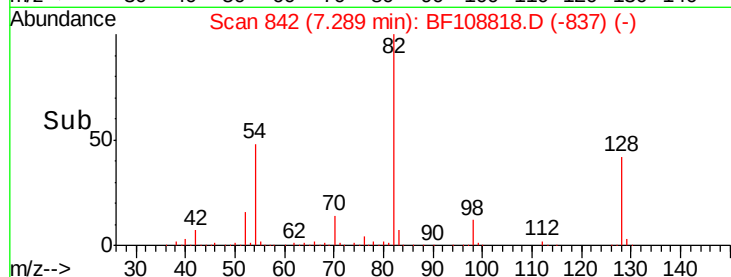
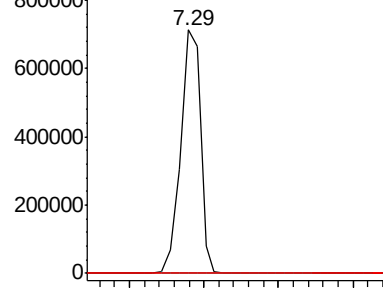
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 4.037 ng

RT: 7.85 min Scan# 938

Delta R.T. 0.05 min

Lab File: BF108818.D

Acq: 6 Sep 2018 11:38

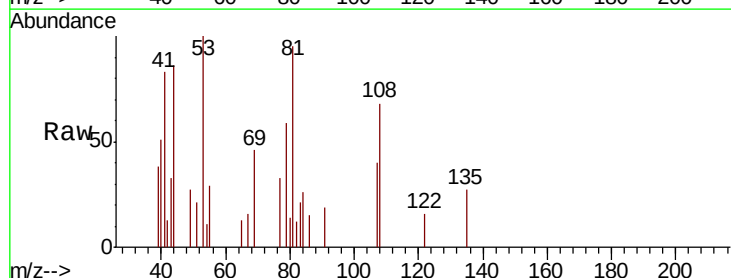
Tgt Ion:122 Resp: 155

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

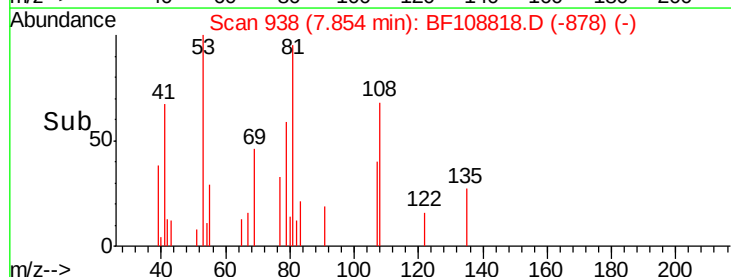
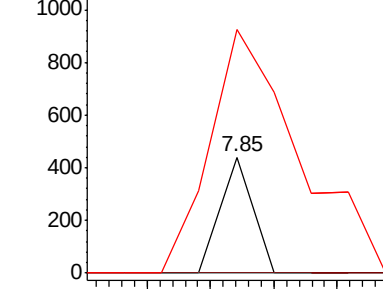
77 210.0 70.7 110.7#

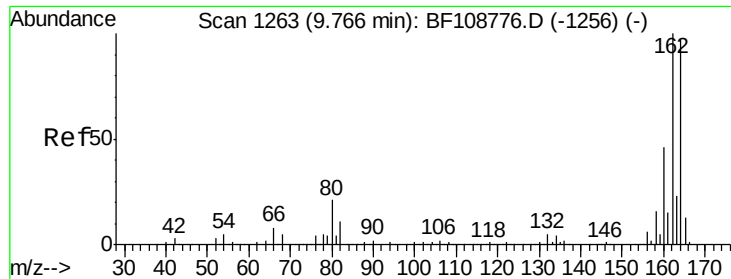


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

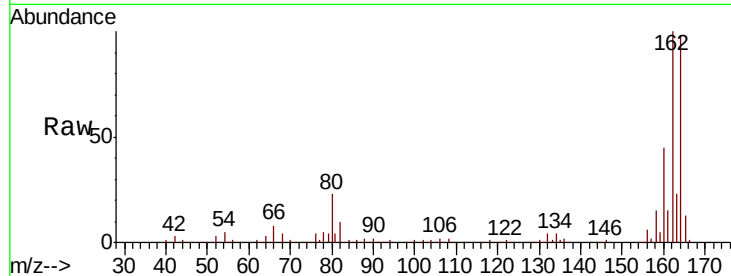




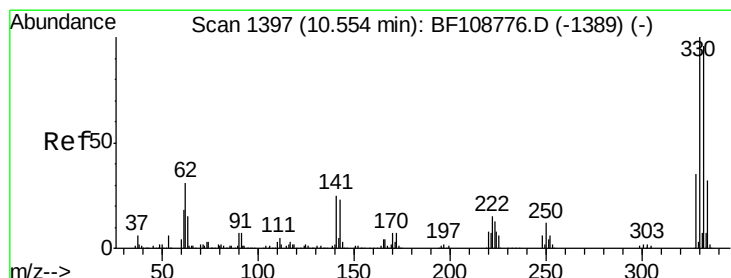
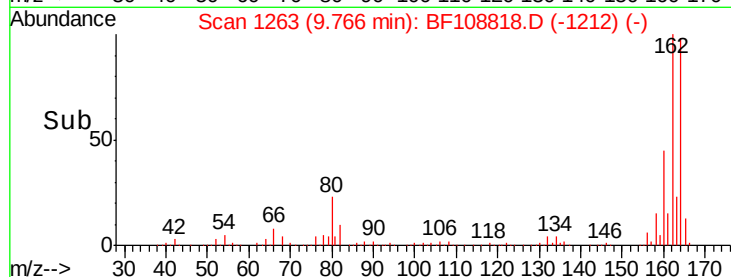
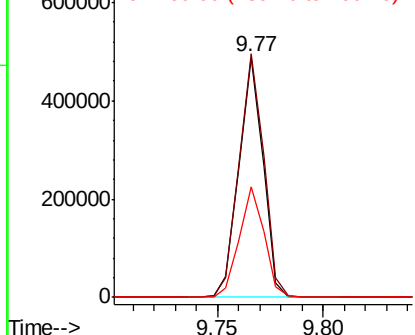
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108818.D
 Acq: 6 Sep 2018 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 384378
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 46.0 38.3 57.5

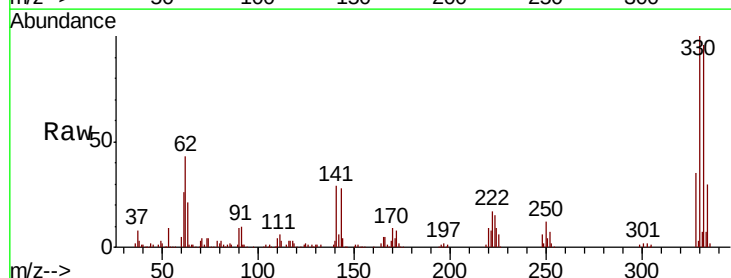


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

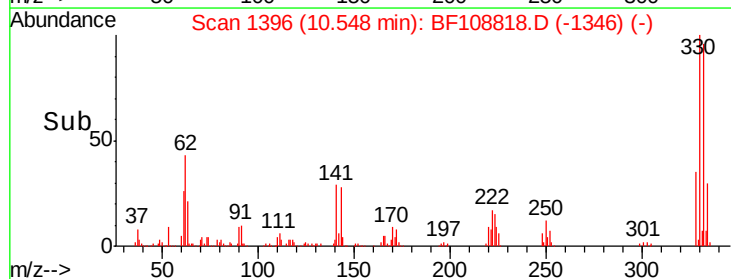
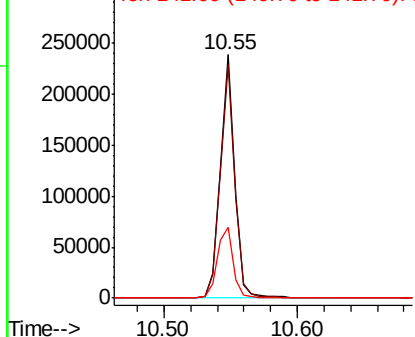


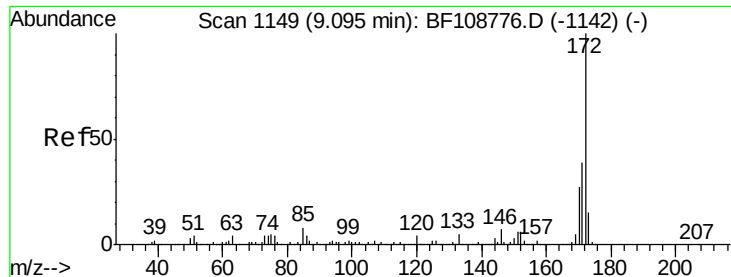
#41
 2,4,6-Tribromophenol
 Concen: 50.285 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108818.D
 Acq: 6 Sep 2018 11:38

Tgt Ion:330 Resp: 184518
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 31.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



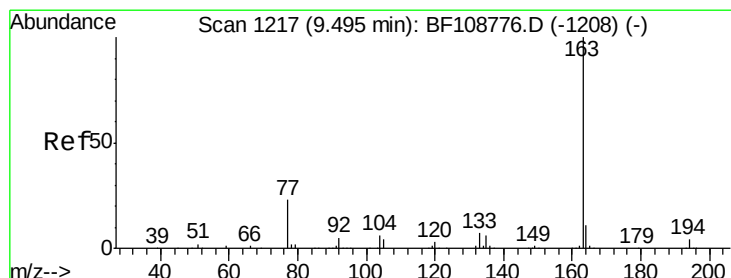
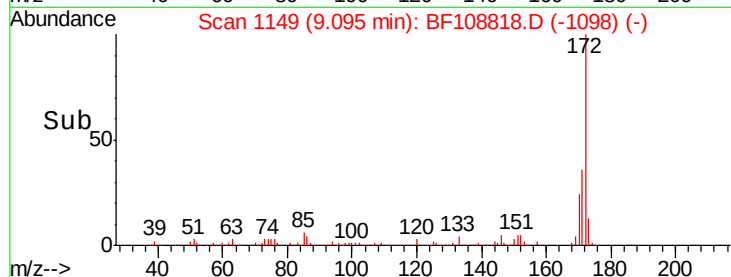
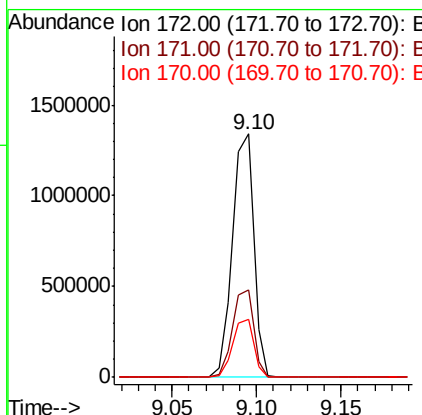
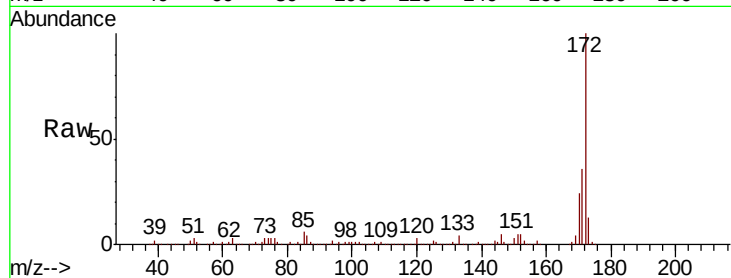


#44
 2-Fluorobiphenyl
 Concen: 52.295 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108818.D
 Acq: 6 Sep 2018 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1178273

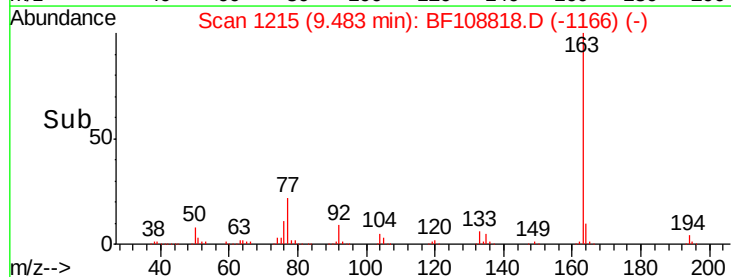
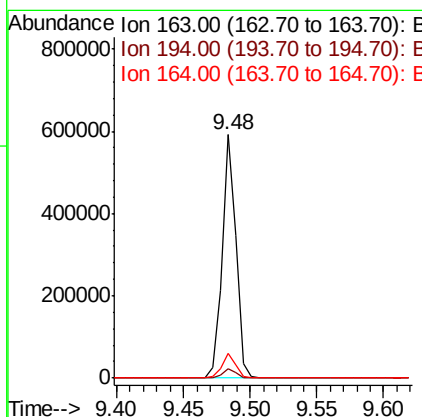
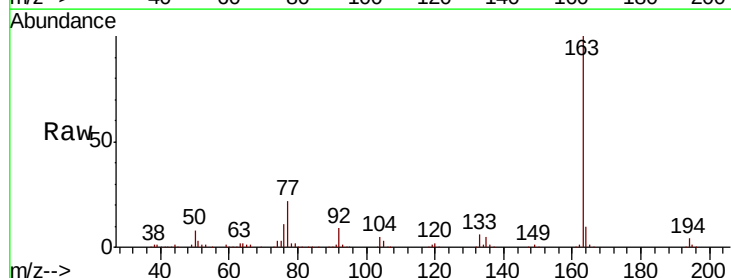
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4

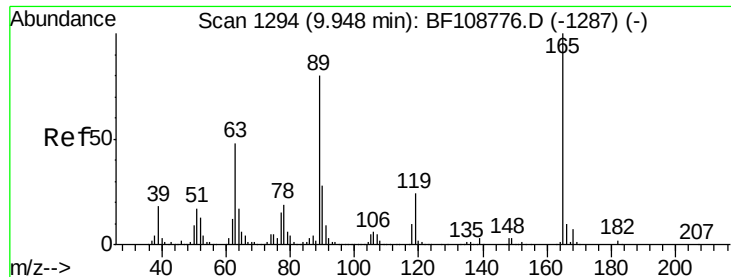


#49
 Dimethylphthalate
 Concen: 16.059 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF108818.D
 Acq: 6 Sep 2018 11:38

Tgt Ion:163 Resp: 431746

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2

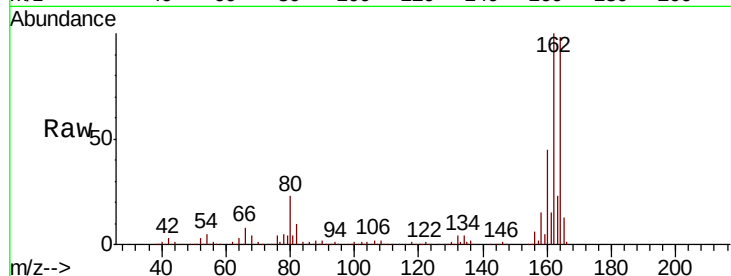




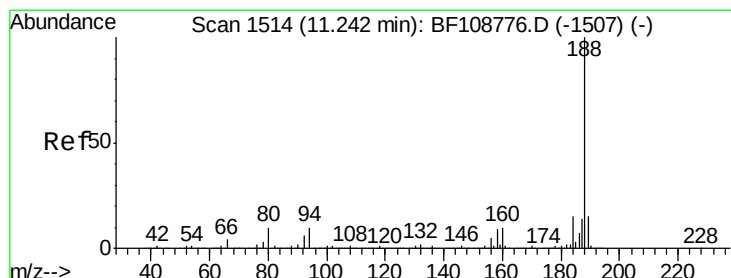
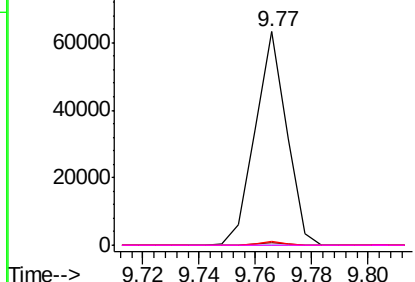
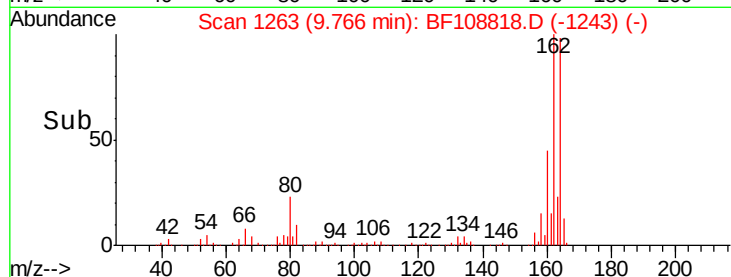
#56
 2,4-Dinitrotoluene
 Concen: 7.493 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108818.D
 Acq: 6 Sep 2018 11:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	49087
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

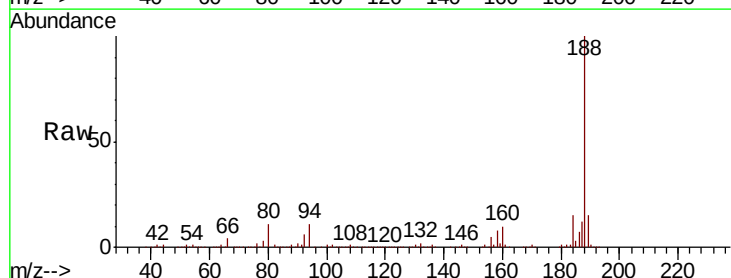


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

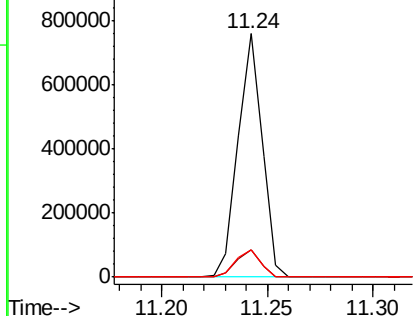
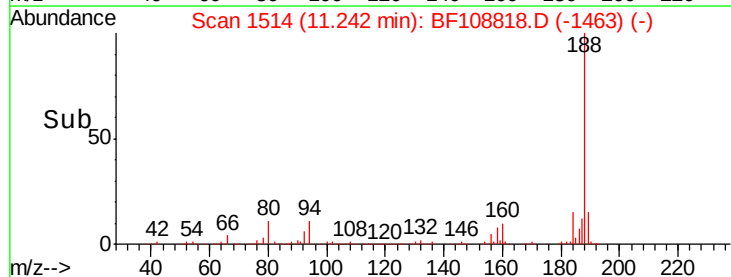


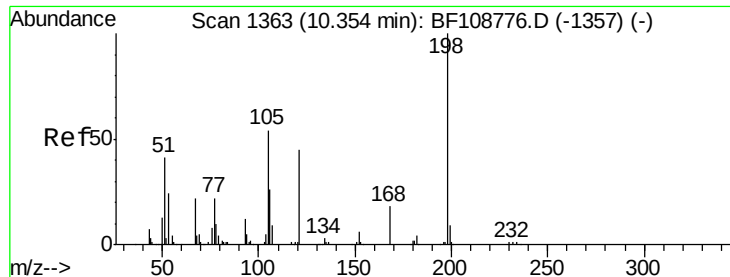
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108818.D
 Acq: 6 Sep 2018 11:38

Tgt Ion:	188	Resp:	600228
Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.1	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 6.987 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.19 min

Lab File: BF108818.D

Acq: 6 Sep 2018 11:38

Instrument :

BNA_F

ClientSampled :

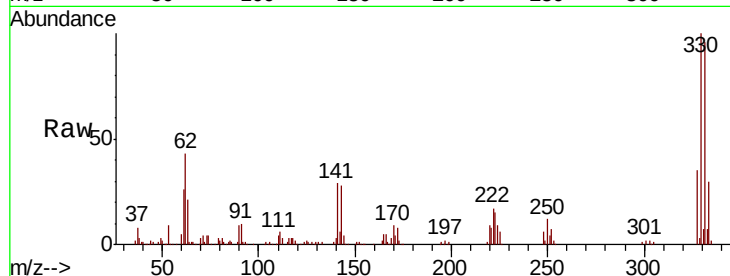
Tot Ion:198 Resp: 327

Ion Ratio Lower Upper

198 100

51 177.0 37.7 77.7#

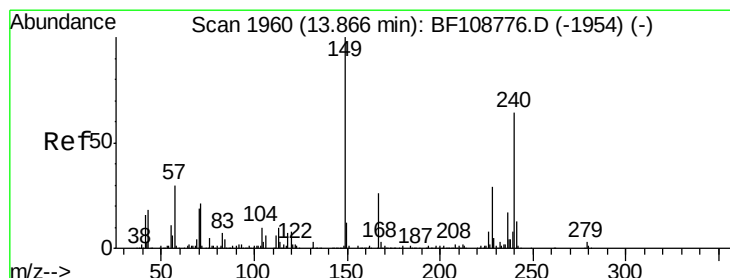
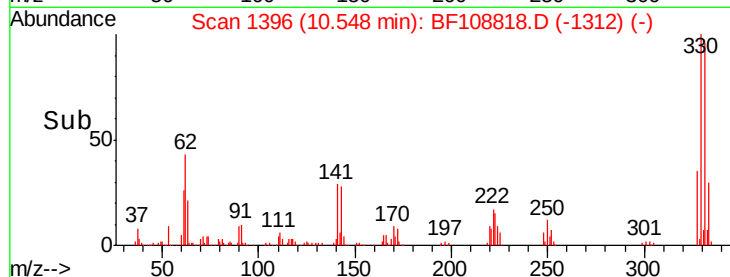
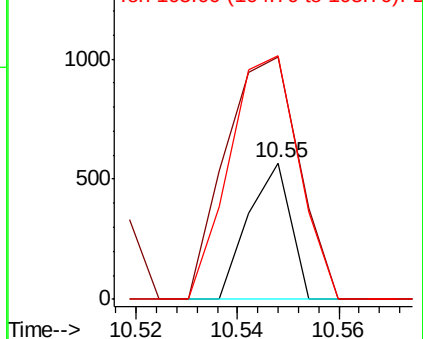
105 178.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108818.D

Acq: 6 Sep 2018 11:38

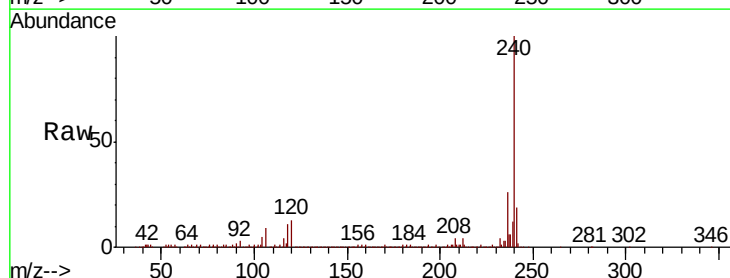
Tgt Ion:240 Resp: 590364

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

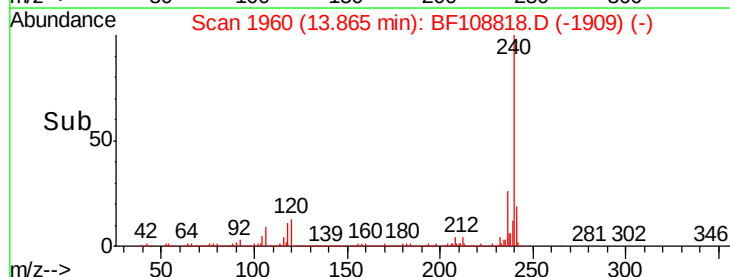
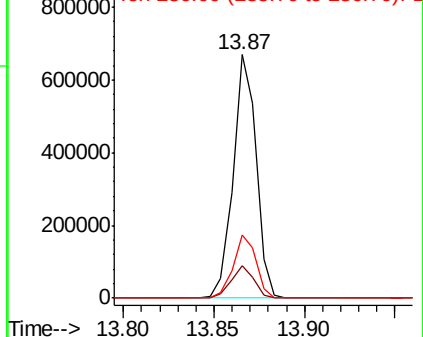
236 25.7 20.7 31.1

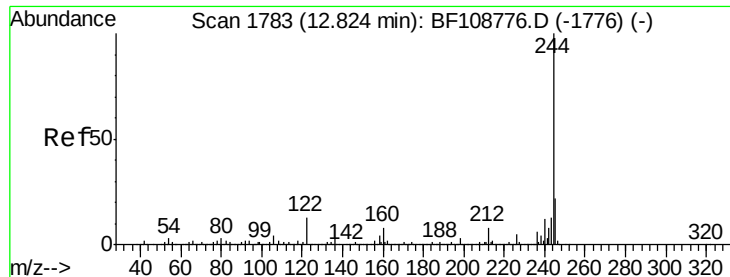


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 36.957 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108818.D

Acq: 6 Sep 2018 11:38

Instrument :

BNA_F

ClientSampleId :

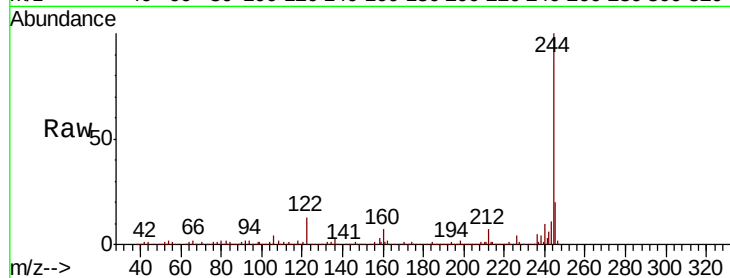
Tot Ion:244 Resp: 935647

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

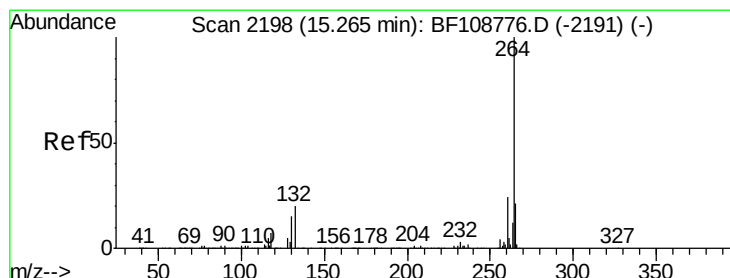
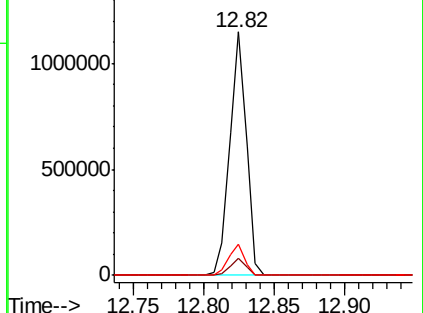
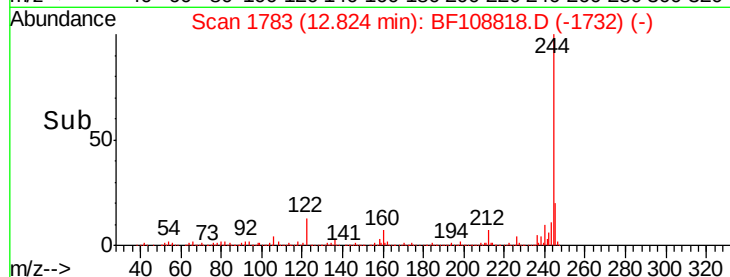
122 12.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108818.D

Acq: 6 Sep 2018 11:38

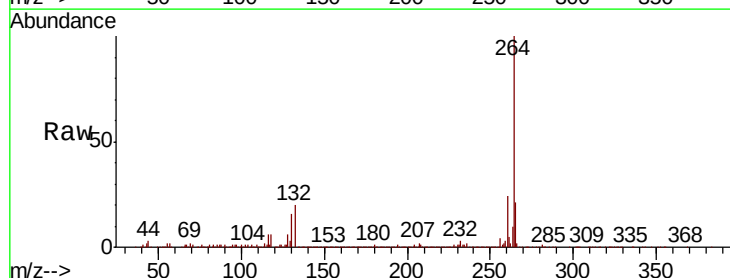
Tgt Ion:264 Resp: 486682

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

